



TYPICAL APPLICATIONS

Utility operations
Culvert extensions
Side slope changes
Guardrail installation and maintenance
Delineator installation
Landscaping operations
Shoulder repair
Sign installation and maintenance

SYMBOLS

- Work area
- Sign
- Cone, drum or barricade

① When the work operation exceeds one hour, cones, drums or barricades shall be placed at 8 m (25') centers for L/3 distance, and at 15 m (50') centers through the remainder of the work area.

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 4.5 m (15') to 600 (24) from the edge of pavement.

Calculate L as follows:

| SPEED LIMIT | FORMULAS | |
|------------------------------|-------------------------------|-----------------------|
| 70 km/h (40 mph) or less: | Metric | (English) |
| | $L = \frac{WS^2}{150}$ | $L = \frac{WS^2}{60}$ |
| 80 km/h (45 mph) or greater: | $L = 0.65(W)(S)$ $L = (W)(S)$ | |

W = Width of offset in meters (feet).

S = Normal posted speed km/h (mph).

All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2005
ENGINEER OF OPERATIONS
APPROVED January 1, 2005
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

| DATE | REVISIONS |
|--------|---|
| 1-1-05 | Revised title, notes, and sign spacing. |
| 1-1-98 | Rev. 1st GEN. NOTE. |
| | Rev. (24') to (24'') in 3rd GEN. NOTE. |

OFF-RD OPERATIONS, 2L, 2W,
4.5 m (15') TO 600 mm (24'')
FROM PAVEMENT EDGE

STANDARD 701006-02